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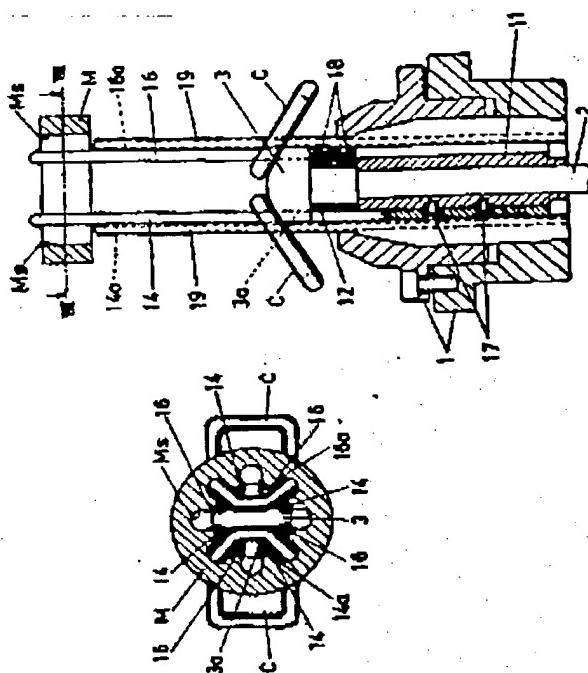
APPLICATION DATE : 21-06-82
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TITLE : COIL INSERTING APPARATUS



ABSTRACT : PURPOSE: To moderate frictional contact between coils and blades and to increase a range of wire diameter of the coil capable of being inserted by a construction wherein a pair of blade holders are fixed to the respective blades.

CONSTITUTION: A pair of blade holders 11, 12 are provided, one holder 11 being fixed to a base 1 and the other holder 12 being loosely fitted to a cylindrical piston inserting part provided at the lower part of a coil pusher 3. Between a pair of blades 14, 16 formed with guide parts 14a, 16a, the blade 14 is fixed to a holder 11 and the blade 16 is fixed to a holder 12. When the frictional resistance between a coil C and the blade 16 exceeds a predetermined value, the blade 16 is moved together with the coil C. This reduces friction between the blades 14, 16 and the coil C, so that the coil will not be damaged. A range of wire diameter of the coil capable of being inserted is also increased as compared with the case that the blades 14, 16 are both fixed to the blade holder 11.

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